



Handwritten notes: #744, #6a, Inc Amot, 4.6.99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David R. Walt and Todd A. Dickinson  
Serial No.: 08/944,850  
Filed: October 6, 1997  
For: SELF-ENCODED FIBER OPTIC SENSOR

Group Art Unit: 1313  
Examiner: J. Snay  
Docket No.: TU-97-01

CERTIFICATE OF MAILING  
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on 3/26/99  
Date R. Dennis Creehan  
R. Dennis Creehan

RESPONSE TO RESTRICTION REQUIREMENT  
AND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

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APR 2 1999

GROUP 1700

Sir:

With respect to the above referenced application, in response to the Examiner's phone call of March 25, 1999 regarding the restriction requirement, the Applicants hereby elect Group II, claims 18-23. The election is made without traverse.

In addition, prior to examination, please amend the application as follows:

03/31/1999 AIBRAHIM 00000019 08944850

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AMENDMENT

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In the Claims:

TECHNOLOGY CENTER 2800  
SPECIAL PROGRAM CENTER

Please cancel claims 18-23, without prejudice or disclaimer.

Please add the following new claims:

- 28. A method for reducing the signal-to-noise ratio in the characteristic optical response signature of a sensor array having subpopulations of sensor elements comprising:
- a) measuring the optical response signature of at least two of said sensor elements of at least one of said subpopulations; and
  - b) summing the optical response signatures.

Handwritten notes: sub. B, A